

26934, A NOVEL CYTIDINE DEAMINASE-LIKE MOLECULE
AND USES THEREOF

ABSTRACT OF THE DISCLOSURE

Novel cytidine deaminase-like polypeptides, proteins, and nucleic acid molecules are disclosed. In addition to isolated, full-length cytidine deaminase-like proteins, the
5 invention further provides isolated cytidine deaminase-like fusion proteins, antigenic peptides, and anti-cytidine deaminase-like antibodies. The invention also provides cytidine deaminase-like nucleic acid molecules, recombinant expression vectors containing a nucleic acid molecule of the invention, host cells into which the expression vectors have been introduced, and nonhuman transgenic animals in which an cytidine
10 deaminase-like gene has been introduced or disrupted. Diagnostic, screening, and therapeutic methods utilizing compositions of the invention are also provided.